Material for Silo Building

Stave Silo the Best in Common Use

By C. H. Eckles, Professor Dairying, University of Missourt.

mous pressure of the silage, and durable enough so that it will not be necessary to replace it for some time.

Successful siles have been built in a variety of ways of different matertals, including wooden staves, concrete, wood plastered with cement stone, wood, brick, Iron and tile.

The most common allo found in this state is the stave sile. This is built on the plan of the stave water tank. It is purchased ready to put together, requiring only that the foundation be made. A foundation is built of concrete. The walls should be about eight inches thick and should extend two or three feet into the ground. On this the sile is

There are many types and forms of stave allos, and it is impossible to say which is best. It is preferable in use those having one piece staves. The continuous door is more convenient. Little positive evidence is at hand as to which wood is most suitable and durable for allo building. The following statement regarding the average number of years wood will remain without decay is supplied by ment of Agriculture

Average number of years of life, untreated. Cypress 14 with in many cases. Yellow Pine White Pine ...

down if it is desired to move it. The disadvantage of this type of slip is right tension. It should be fastened allo.

ismaged by fire or wind or drying out trouble may be avoided

For the last fifteen years all silos it does not preserve the silage any have been built round, and this is the better than does one with a wall of only style recommended at present, wood. On the other hand, if the con-The essential things in silo construct crefe wall is properly constructed so tion are to have an air tight wall, that the air is kept out, the silage will smooth on the inside so the sliage can be preserved in perfect condition. The settle properly and a structure objections that are often raised to the sufficiently strong to hold the enor concrete sile, especially by those in-



Two solid concrete Silos at the dairy barn, College of Agriculture, University of Missouri.

the Bureau of Forestry, U. S. Depari- terested in the sale of the stave silo. are that it will crack and fall down, and that furthermore it does not preserve the slinge. It is quite true that both these conditions have been met

If the structure is properly reinforced. Douglas Fir 16 however, there is not the least danger g of it cracking or falling down. If the walls are made of a mixture contain-The stave silo preserves the sliage ling sufficient cement so that the wall as well as any type in use. It is in not too parous, the slings does not easily erected and can also be taken spoil. It requires some little skill to properly build a concrete ailo. A

farmer who has had no experience at that it gives some trouble on account the work should secure the assistance of drying out, and attention must be of someone who has had experience given to keeping the hoops at the before attempting to build a concrete

securely with wire calles attrached to . The two things to be especially resleepers placed in the ground a short garded in building the concrete silo distance from the structure, otherwise are to have an abundance of iron for it may blow over or collapse when rollable ment, and sufficient cementempty. The stave allo should be ex in the mixture to make the walls impected to last from ten to fifteen pervious to air it is a good plan to FOR SAFETY TO THE DRIVER years, depending upon the wood from an over the inside wail of a concrete which it is made and other conditions, silv each year, or at least every Mirrors installed on Streets of English. Those that are made of wood treated second year before filling, with a mix with creescie or other suitable wood ture of cement and water. The mixpreservatives are more durable than ture should be about the consistency he natreated. The cost will vary and of whitewash. This helps to close up a permanent structure and is not the wash of coment and water this to their path.

······ THE MAKING OF BUTTER PREPARING FOR THE WHEAT eral accidents and narrow escapes have scared him out of the water-

A. C. Page. College of Agriculture, A. C. Page. University of Missouri. University of Missouri.

Farm butter is notoriously bud. would like to do honor to the products goes in this fall. One of the greatest of the farm. Creamery butler is the factors that limits the production of best and the customer prefers it and wheat ordinarily is the poorly prepays a better price for it. Why is pared seed bed. It so?

talls as the professional buttermaker is plowed and allowed to stand quite

are not so difficult to attend to they desire and get the flavor they water and lift when a freeze comes. want. On the farm this can be at-

making pasty, greasy butter, is per-dealt with. Furthermore, the disked haps the most common. The surface will plow with less horsecreamery stops the churn as soon as power, and the weeds will turn under the butter is in granules the size of better. wheat grains, but the farmer's wife Two things then, are extremely im often churns until the butter is in a portant in preparing wheat land. One solid lump. This makes a difference is to disk before breaking, the other Overworking it is another thing that is to do it soon enough so that the gives this greasiness. A number of seedbed will have time to settle well such details go together to make a before seeding time. The moisture better product. The farm should pro- will be started up and the seed will duce the best. It is worth while, and have the best kind of a start. the price that good butter, attractiveby put up will bring, will more than pay the difference.

you know that she needs good venient and helpful as is in a modern he rest of the stock all winter.

College of Agriculture.

Careful farmers are already prepar-There is no denying it, much as we ing the seed hed for the wheat that

Prof. M. F. Miller of the Agronomy It is because the farmer, or the Department of the University of Misfarmer's wife, or whoever attends to souri ascribes the "heaving" of wheat the buttermaking has not learned to to the looseness and cloddiness of the be as careful with some certain de lower layer of the bed. If the surface in the hig creamery. Yet these things a while, then is harrowed, the top will appear to be smooth and in good con-It begins with the cow. The milk dition while the part a few inches must be kept clean and it must there underneath will be made up of large fore come from clean cows. It must clods and openings. These openings be properly cared for so that it de- not only cut off the supply of water velops no bad flavors. At the cream- which should rise from the subsoil, ery they put in the kind of bacteria but in a wet time they will fill with

The simplest remedy, and the most tended to as well by keeping the effective one, for this coarseness in cream clean and at the proper tem- the lower part of the seedbed, is to disk the ground thoroughly before Churning has a number of details plowing it. Then there will be no that need more care. Overchurning clods that cannot be reached and

It is a good time to consider some kind of a water supply for the house. A pump and a kitchen sink will save Cows will soon be starting to work many a backache, and will cost less again for the winter. Do you know than twenty dollars. The amount how faithful a worker the cow is? Do that would be saved in a single seayou realize that she works in eight son from testing the seed corn would hour shifts, three shifts a day? Do install a complete system as connourishing food in order that her city home. The ex team was work may be effective? Then remem- abandoned years ago in most parts, ber not to turn her into the stalk but some Missouri farmers still carry field this winter. She will appreciate water to the house (or let their wives it. The remedy is to build a sile and do it) in buckets. It is too expensive. have canned green corn for her and The modern way is cheaper and prolongs life.



That's the kind - Libby's - There isn't another sliced dried beef like it. Good? It's the inside cut of the finest beef sliced to wafer thin-

Dried Beef

stands supreme. The tasty dishes one can make with it are almost numberless. Let's see! There's creamed dried beef, and-but just try it. Then you'll know!

Always Insist on Libby's

Don't accept "a just as good." From relish to rosst, from condiment to conserve, the quality of Libby's Ready-to-Serve Foods is always superior. And they don't cost one whit more than the ordinary kinds.

Put up in sterilized glass or tin containers

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metal, can taption the over, will not soil or injure anything Guaranteed effective

Towns Have Proved of Material Benefit.

Mirrors at street corners to provide can be easily obtained from agents, the pores of the wall and to exclude for the drivers of vehicles a view of In the central part of Missouri a the air. After a concrete allo stands the cross streets have been installed stave sile 16 by 27 feet will cost about sumpty during the summer, the walls in at least two towns in England. In ers, display cards and other forms of \$210 at the present time. This esti- become very dry. When the moist Folkestone there is an acute angle advertising literature mate store not include the foundation, whare is put in, the walls absorb street crossing where one corner is The concrete sile may be built of moisture from the silage. This may built up close to the curb. On this blocks or with solid walls. The late result in white mould forming near corner is placed a 24x24 inch mirror. "It was never so known before," ter is semetimes called monolithic. The outer edge. This condition, when supported on gas pipe standards at says Rankin Dunfre, local angler, The solid wall structure is to be present indicates that the concrete such an angle that drivers of vehicles who wasn't angling on the occasion is The advantages of a concrete silo ture should have contained a greater from either of the two opposite streets home swinging my lantern, for the gre that when once property built it is proportion of comment. By applying can see up the streets at right angles night was dark. I heard a great

The engineer in charge states that swing to the impossibility of motor- and behold a 16-inch fish lay floundersts seeing any oncoming traffic sev- ing in the weeds. The lantern must the mirror has been fixed he has not ord. heard of anything approaching an accident. The damp, mist, rain or frost have no ill effect on the mirror. which is occasionally cleaned by a a slave to the smoking habit?" passing lamplighter when cleaning his

At Malmesbury, in Wiltshire, a mirror five by eight feet in size, supported on standards so that its top is 15 feet above the street, occupies an angular position at the spex of a closed right-angle curve. The engineer in charge says. "The mirror requires scarcely any cleaning; only a wipe over once in about three months."-Engineering News

Consistent.

"Your friend is very particular about conformity in all things, isn't

"Yes, indeed. When he went on his last spree the family were in mourning and he saw only black snakes."

To be sweet and clean, every woman should use Partine in sponge bathing. It eradicates perspiration and price by The Paxton Tollet Co., Bos- and play." ton Mass.

Speed the Parting Guest. Father Knickerbocker-Can't you stay a little longer?

Departing Visitor-No. Haven't a red cent left. Father Knickerbocker-Oh! Well, good-by.

Money saves some men a lot of worry-by their not having it.

Mrs. Winslew's Southing Syrup for Children teething, softens the gums, reduces inflamma-tion, allays pain, cures wind colle, Se a bettle

Tell it not in Gath, but there are church members who look too happy at a horse race and too solemn in kept?" prayer meeting.

HER LITTLE HAND IN HIS

Mr. Pecke's Explanation as to Reason Somewhat Dispelled the Odor of Romance.

Henne and Pecke were two henpecked married men. The other day they met, and, after a few casual remarks concerning the weather, the subject of women and unfortunate husbands was perhaps naturally discussed. To Henne, however, suddenly came thoughts of years ago, when he was a happy bachelor, and (unconscious of what Pate had in store for him) was "walking out" a girl who was, later on, destined to bring him sorrow and misery.

Pecke, seeing a "faraway" look in his companion's eyes, inquired the meaning. Henne retorted dramatically, "I was just then thinking, old fellow, of those happy days long agowhen I used to hold that girl's hand in mine for hours-when-

But the equally unfortunate Pecke suddenly cut his companion short by exclaiming: "Why, that's nothing! Cheer up! Do you know, only yesterday I held my wife's hand for three solid hours."

"What?" said the startled Henne. "Yes, it's a fact," resumed Pecke, sorrowfully, "and I declare if I'd let loose she'd have killed me "-London

HARD LUCK.



The sense of the ridiculous," said Kate

"Is strong in Sue-the fory elf." Indeed," said Grace, "how sury keenly then.

She must appreciate herself,"

Expect Big Sale of Red Cross Seals. The campaign for selling Red Cross seals this year will be carried on in practically every state and territory in the United States, and even in Porto gine Rico, the Canal Zone, Hawaii and Phil-Hppine Islands. No less than 100,000 ment, drug and other kinds of stores. motion picture theaters, individuals, and others, will be engaged in the work. Hefore the sale is completed. It is expected that at least 100,000,000 seals will have been printed and dis-

splash, got down on the bank with thy lantern to see the cause, and lo have occurred at that point. Since don't you think? - Philadelphia Rec-

Sure of Himself.

"Aren't you afraid you may become "No. I can guit whenever I want

How do you know that" Have you ever tried it?"

No: but I've cured myself of the habit of voting for every candidate who is nominated by the political party to which I belong, and a man must have a strong will to do that

Mistress-Well, I'm sorry you want to leave me, Mary but what's your reason?

Mary keeps silent. Mistress Something private? Mary (suddenly)-No. mum; please, mum, he's a lance corporal -- Illustrated Bits.

Pa's Rather Indefinite. "Pa, what is an anachronism?"

"Oh, that's something or other other body odors. At druggists, smart people are always finding in 25c a box or sent postpaid on receipt of Shakespeare's works. Now, run along

Relieves and cures liching, torturing dis-cases of the skin and mucous membrane. A superior Pile Cure 15 and 50 cents, by druggista. For free sample write to J. W. Cole & Co., Black River Falls, Wis.

"George, don't you think, now that your salary has been raised, we can have an automobile?"

"Oh, I suppose we can have one, if we wish, but why be so common?"

LEWIS' Single Binder gives the smoker a rich, mellow tasting be eight. Their Place. "Where are marital rods in pickle

"I should suggest in family jars."

NATURALLY.



Hix-Wigson looks so sheepish

lately. Dix-No wonder. He's raising muttenchop whilikers.

ROUGH HANDS MADE SOFT AND WHITE

For red, rough, chapped and bleeding hands, dry, fissured, itching, burning paims, and painful finger-ends. with shapeless nails, a one-night Cuticura treatment works wonders. Directions: Soak the hands, on retiring, in hot water and Cutioura Scap. Dry, anoint with Cuticura Ointment. and wear soft bandages or old, loose gloves during the night. These pure. sweet and gentle emollients preserve the hands, prevent redness, roughness and chapping, and impart in a single night that velvety softness and whiteness so much desired by women. For those whose occupations tend to injure the hands, Cuticura Soap and Cuticura Ointment are wonderful.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32 p. Skin Book. Address post-card "Cuticura, Dept. L. Boston."

Prize Winner.

"What are these cups for?" asked a well-dressed man of a jeweler, point ing to some lovely silver cups on the counter. "These are race cups to be given as

prizes. "If that's so, suppose you and I race

for one?" And the stranger, with the cup in his hand, started, the jeweler after him. The stranger won the cup

Lacks Originality.

Bulkins tells me that he has lately subscribed for a new thought maga-

"I hope its perusal will inspire him with some new thoughts. Nobody volunteer agents, including depart- talks about the weather more than

> Once in a great while love's labor is lost, but more often it is misplaced

> > ting the Stomachs and Bowels of

Promote's Digestion Cheerful

ness and Rest Contains neither

Opium Morphine nor Mineral

Recipe of Old Dr. SAMUEL PATCHER

Aperfect Remedy for Constipa

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Worms Convulsions Feverish

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lvy poison quickly healed by Resinol Ivy or oak poison, sunburn,

heat rashes, insect bites, and

other annoying hot weather skin-

troubles are instantly relieved

and quickly healed by Resinol

Ointment and warm baths with

Resinol Soap. Mr. Edgar A. Norris, of Unionville, Md., writes, May 9, 1912. Every summer I got ivy poison. I have suffered awfully, can-not sleep and almost go wild with Itehing and pair. The worst places get perfectly raw. I have tried dosens of remedias that had no effect. Last summer I had a severa case, and tried Resinol Omineout. I found it the very thing. It not only is soothing and stops that awful itching, but it head rapidly. I was soon rid of the trouble."

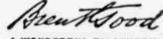
Sample free: Restroi Soap and Real of Claiment are also must effort the for some and chaffings, bad complexions, dandruff, and falling hair. Your druggist sells them, but for generous free analysis of each write to Dept. 10%. Restroi Chem. Co. Baltimore.Md.

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ness, and Indigestion. They do their duty. SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature





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